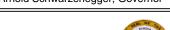
### DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES Office of Structural Materials

Quality Assurance and Source Inspection

Bay Area Branch 690 Walnut Ave.St. 150 Vallejo, CA 94592-1133 (707) 649-5453 (707) 649-5493



Contract #: 04-0120F4

Cty: SF/ALA Rte: 80 PM: 13.2/13.9

File #: 69.28

# WELDING INSPECTION REPORT

Resident Engineer: Pursell, Gary **Report No:** WIR-003482 Address: 333 Burma Road **Date Inspected:** 10-Jul-2008

City: Oakland, CA 94607

**OSM Arrival Time:** 1400 **Project Name:** SAS Superstructure **OSM Departure Time:** 2300 **Prime Contractor:** American Bridge/Fluor Enterprises, a JV

Contractor: Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai China

**CWI Name: CWI Present:** Yes No N/A **Inspected CWI report:** Yes N/A **Rod Oven in Use:** Yes No No N/A Yes N/A **Electrode to specification:** No Weld Procedures Followed: Yes No N/A N/A **Qualified Welders:** Yes No **Verified Joint Fit-up:** Yes No N/A N/A Yes No N/A **Approved Drawings:** Yes No **Approved WPS:** Yes No N/A **Delayed / Cancelled:** 

**Bridge No:** 34-0006 **Component:** OBG

# **Summary of Items Observed:**

This Quality Assurance (QA) inspector arrived at ZPMC in Shanghai China for observation of Orthotropic Bridge Girders (OBG) and Self Anchored Suspension (SAS) Bridge. This QA inspector performed Ultrasonic Testing for Caltrans Deck Panel DP564-001. The testing that was performed at this location for the determination of the Lack Of Penetration (LOP) at each tack weld location. This QA inspector performed the UT on weld number 7 and 6 full length with 7 and 8 for approximately 2 meters due to these welds had been completed except for the last 2 meters. All LOP and Y locations were documented and passed on to the appropriate personnel for review. No UT inspection report was to be filled out for this deck panel as it was not a production panel to be used on this project.

## **Summary of Conversations:**

none today.

#### **Comments**

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Joshua Ishibashi, China-1-376-471-0411, who represents the Office of Structural Materials for your project.

**Inspected By:** Riley, Ken Quality Assurance Inspector

**Reviewed By:** Carreon, Albert **QA** Reviewer